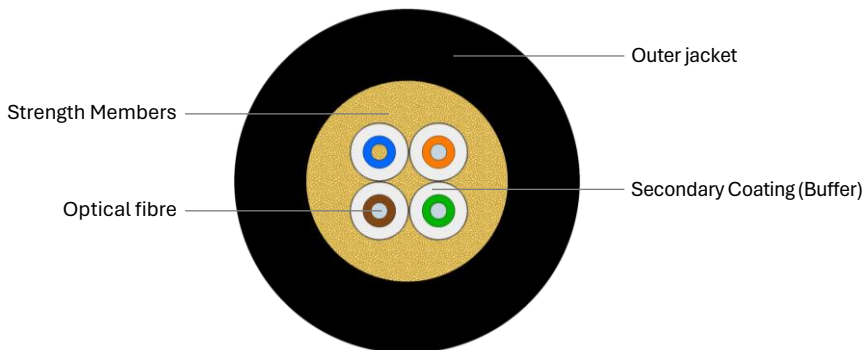


# Ruggedized Mobile Cable

- Resistant to abrasion and cutting
- For harsh environment
- High flexibility
- For military data communication
- Operation in a wide temperature range
- For temporary deployment



Fibre Type	G.657.A1, G.657.A2, G.657.B3, OM1, OM2, OM3, OM4, OM5
Fibre colour	Blue, Orange, Green, Brown, Grey, White, Red, Black, Yellow, Violet, Pink, Aqua
Buffer diameter	0.9 mm
Buffer material	Polyamide 12
Buffers colour	Natural-transparent
Peripheral strength members	Water-swellable Aramid yarns
Outer jacket material	UV resistant, Flame-retardant (V-0, UL94) Thermoplastic Polyurethane*
Outer jacket thickness	1.1 mm
Outer jacket colour	Black

\*non-toxic chemical protection against rodents and termites possible on request

Number of fibres	2	4	6	8	12	
Nominal outer diameter (mm)	5.1	5.3	5.8	6.2	6.9	
Calc. cable weight (kg/km)	22	24	27	31	37	
Short-term tensile strength (N)			2200			IEC 60794-1-101
Long-term tensile strength (N)			700			IEC 60794-1-101
Crush resistance (N/100 mm)			5000			IEC 60794-1-103
Max. impact loading (Nm)			20			IEC 60794-1-104
Abrasion resistance (10 N load)			10 000 cycles			IEC 60794-1-102A
Min. bend radius not load			50 mm			IEC 60794-1-111
Operating temperature range (°C)			-40 to +85			IEC 60794-1-201
Storage temperature range (°C)			-55 to +85			IEC 60794-1-201
Installation temperature range (°C)			-40 to +70			IEC 60794-1-201
Water tightness (1 m / 24 hrs.)			No leakage			IEC 60794-1-205
Class of fire reaction			Fca			EN 50575, EN 13501-6

Number of Fibers	Cable Code (Ordering Code)	Delivery length, Packing
2	OPK-U-DSTTAC-2(2x0.9)N9AAU-xx-BK	2100 m ± 5% on plywood reel
4	OPK-U-DSTTAC-4(4x0.9)N9AAU-xx-BK	2100 m ± 5% on plywood reel
6	OPK-U-DSTTAC-6(6x0.9)N9AAU-xx-BK	2100 m ± 5% on plywood reel
8	OPK-U-DSTTAC-8(8x0.9)N9AAU-xx-BK	2100 m ± 5% on plywood reel
12	OPK-U-DSTTAC-12(12x0.9)N9AAU-xx-BK	2100 m ± 5% on plywood reel

xx – fibre type (see Cable code datasheet)

Fibre Type	Singlemode 9/125	Multimode 50/125	Multimode 62.5/125
Wavelength	1310 nm / 1550 nm	850 nm / 1300 nm	850 nm / 1300 nm
Max. Attenuation	0.5 dB/km / 0.5 dB/km	3.5 dB/km / 1.5 dB/km	3.5 dB/km / 1.5 dB/km

Print legend: Manufacturer - Cable type – lot number- length marking per 1 m

(customer print legend available on request)



Jacket with rodent and termite chemical deterrent version available

OPTOKON Kable Co., Ltd., s.r.o. reserves the right to make changes in this specification without prior notice.

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